

RANA NEO 3500LM REC 1200x300 830 SSC EM 1L WHITE
0052598



Features

- Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 1196x296x52mm, Sylvania White body colour, IP20, IK07, SylSmart Standalone capable, Emergency 3 hours, Low LED flicker (+/-5%), Warm White (3000K), LED Colour Temperature, 3572lm, 33W, 108lm/W, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire can be covered with building insulation of Glass Wool type.

Product Overview

Product name	RANA NEO 3500LM REC 1200x300 830 SSC EM 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3572
Luminous flux (lm)	3572
Luminaire efficacy (lm/W)	108
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Total power consumption (W)	33

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Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288525983
Warranty	5 years
Dimming method	SylSmart SSC

Data table

GENERAL DATA

Product name	RANA NEO 3500LM REC 1200x300 830 SSC EM 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3572
Luminous flux (lm)	3572
Luminaire efficacy (lm/W)	108
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80

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Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	33
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (μ s)	25
Glow Wire Test ($^{\circ}$ C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	57
Max. Luminaires per 13A C Breaker	71
Max. Luminaires per 16A C Breaker	93
Max. Luminaires per 20A C Breaker	114
Max. Luminaires per 10A B Breaker	35
Max. Luminaires per 13A B Breaker	45
Max. Luminaires per 16A B Breaker	55
Max. Luminaires per 20A B Breaker	68

LIFETIME DATA

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Lifespan L70 B50	100000
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Lifespan L80 B20	96000
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PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
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IP rating	IP20
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IK rating	IK07
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Diffuser finish	Matt/satinized
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Diffuser material	PC Polycarbonate
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Nominal Product Length (mm)	1196
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Nominal Product Width (mm)	296
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Nominal Product Height (mm)	52
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Weight (kg)	5.5
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PACKAGING

Single packaging type	Carton
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Product EAN number	5410288525983
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Packaging single length / height (cm)	124.5
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Packaging single width (cm)	6.5
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Packaging single depth (cm)	32.0
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DUN14 (outer)	05410288525983
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Units per outer package	1
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Packaging outer length / height (cm)	124.5
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Packaging outer width (cm)	6.5
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Packaging outer depth (cm)	32.0
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SAFETY DATA

Optimal operating condition (°C)	-5-25
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Special purpose lamp	No
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Dry applications use only	No
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Suitable for household illumination	No
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